

Title (en)
MOVING PICTURE ENCODING/TRANSMISSION SYSTEM, MOVING PICTURE ENCODING/TRANSMISSION METHOD, AND ENCODING APPARATUS, DECODING APPARATUS, ENCODING METHOD, DECODING METHOD, AND PROGRAM USABLE FOR THE SAME

Title (de)
CODIERUNGS- UND ÜBERTRAGUNGSSYSTEM FÜR BEWEGLICHE BILDER, CODIERUNGS- UND ÜBERTRAGUNGSVERFAHREN FÜR BEWEGLICHE BILDER UND CODIERUNGSVORRICHTUNG, DECODIERUNGSVORRICHTUNG, CODIERUNGSVERFAHREN, DECODIERUNGSVERFAHREN UND DAFÜR BENUTZBARES PROGRAMM

Title (fr)
SYSTEME ET PROCEDE DE TRANSMISSION/CODAGE D'IMAGES EN MOUVEMENT, APPAREIL DE CODAGE ET APPAREIL DE DECODAGE, PROCEDES DE DECODAGE ET DE CODAGE ET PROGRAMME UTILISABLE POUR CES DERNIERS

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Application
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Abstract (en)
An object of the present invention is to allow portions which are subjected to a coding in inter-frame prediction mode and portions which are subjected to coding in intra-frame prediction mode to be mixed in one macro block without changing the framework of macro blocks. The present invention provides an encoder which encodes each of first image blocks of a video. The encoder includes prediction mode selection information generating means for generating prediction mode selection information which indicates that a first prediction mode for reducing temporal redundancy is applied to each of second image blocks or that a second prediction mode for reducing spatial redundancy is applied to each of the second image blocks. The second image blocks are obtained by dividing the first image blocks. The encoder includes predictive residual signal generating means for generating a predictive residual signal by applying the selected first or second prediction mode to each of the second image blocks. The encoder includes transmitting means for transmitting the prediction mode selection information in association with the predictive residual signal. <IMAGE>

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